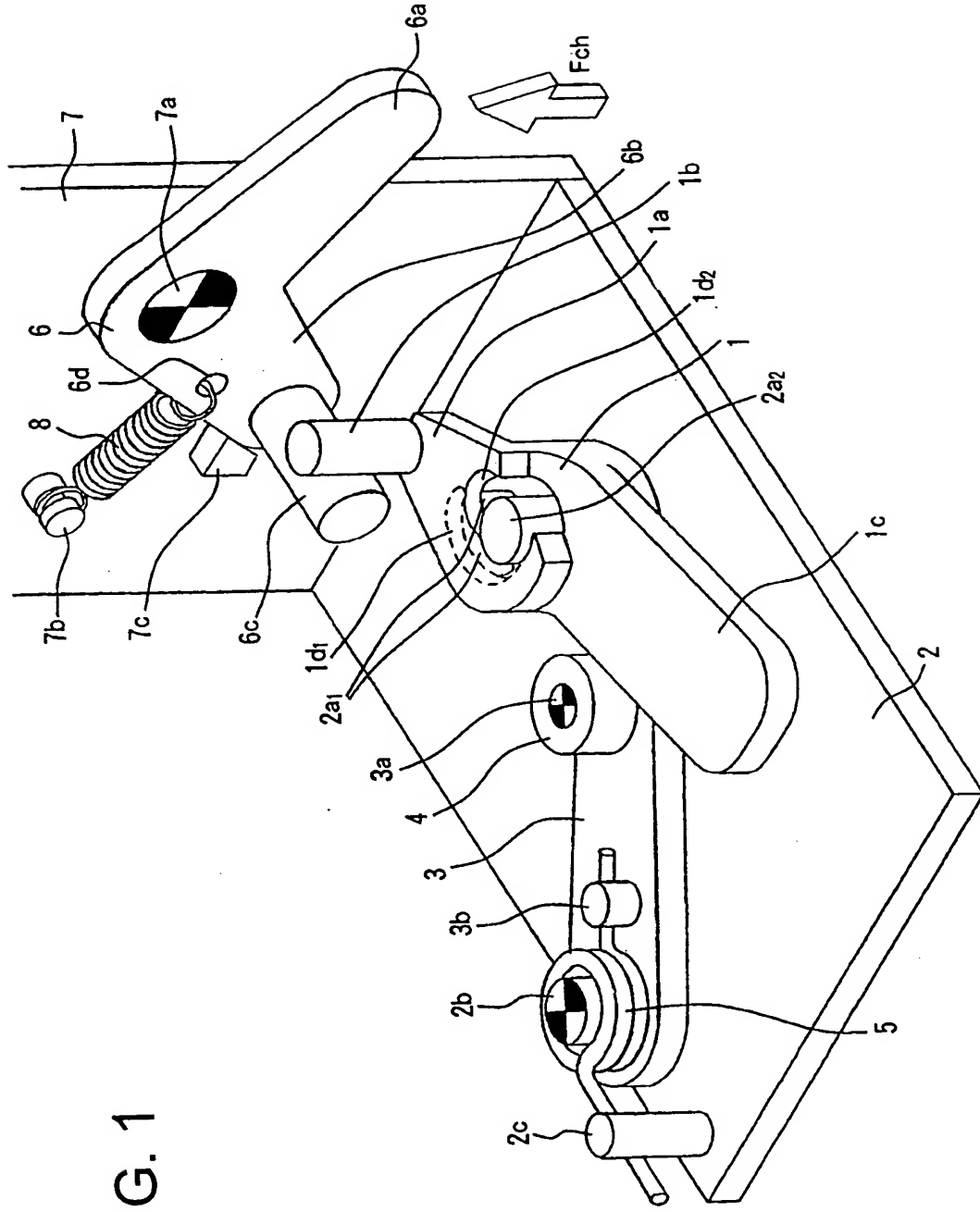
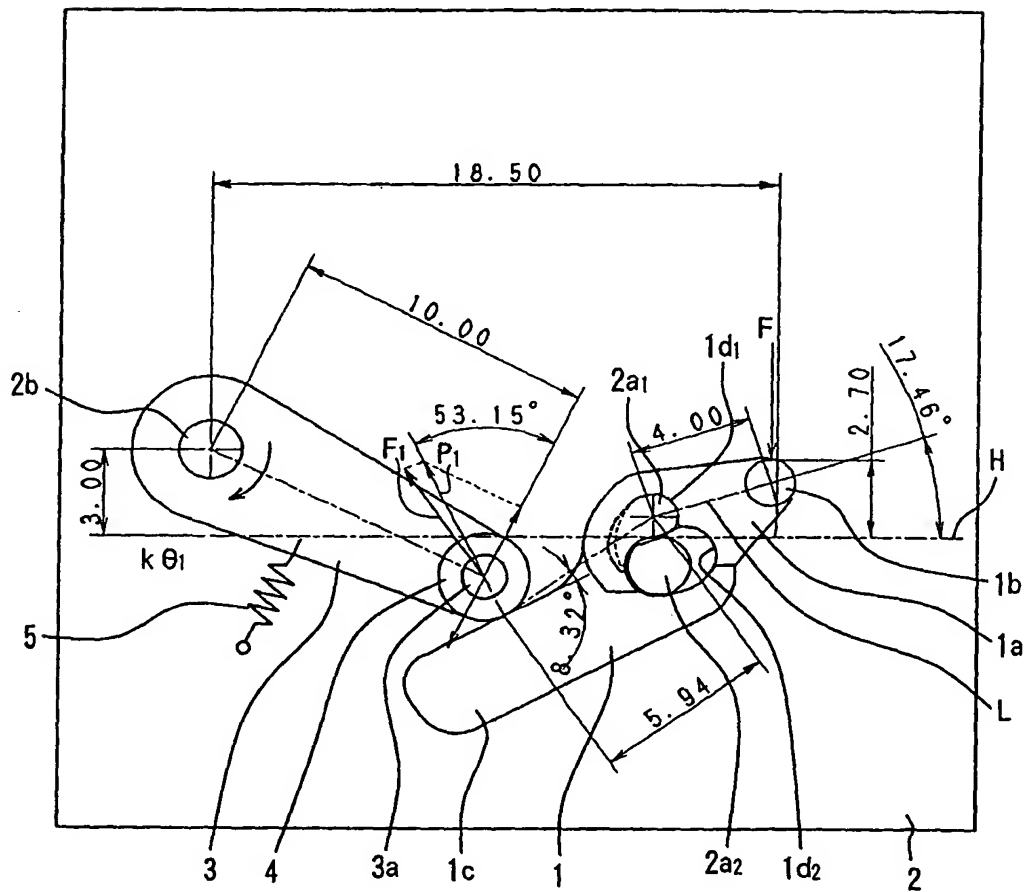


FIG. 1



ROTATION ANGLE OF DRIVEN MEMBER: 0°

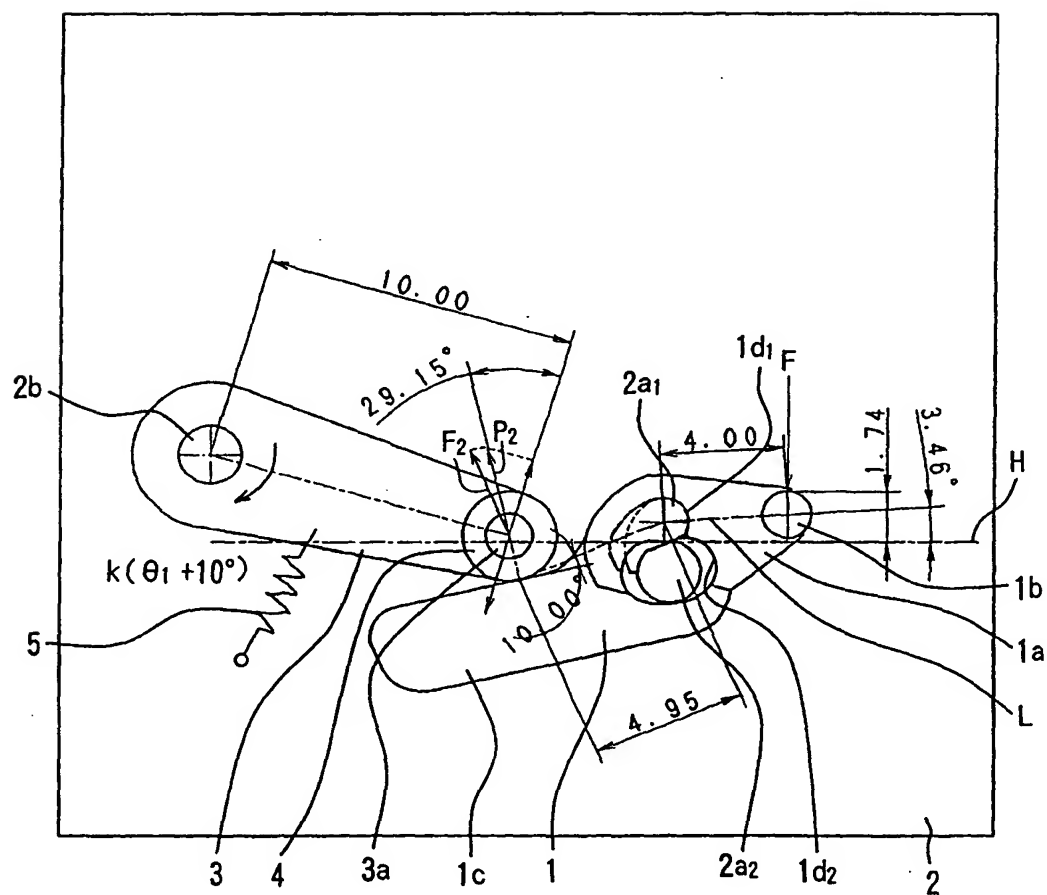


ROTATION ANGLE OF LEVER MEMBER: 4°

START OF CHARGING

FIG. 2

ROTATION ANGLE OF DRIVEN MEMBER: 10°

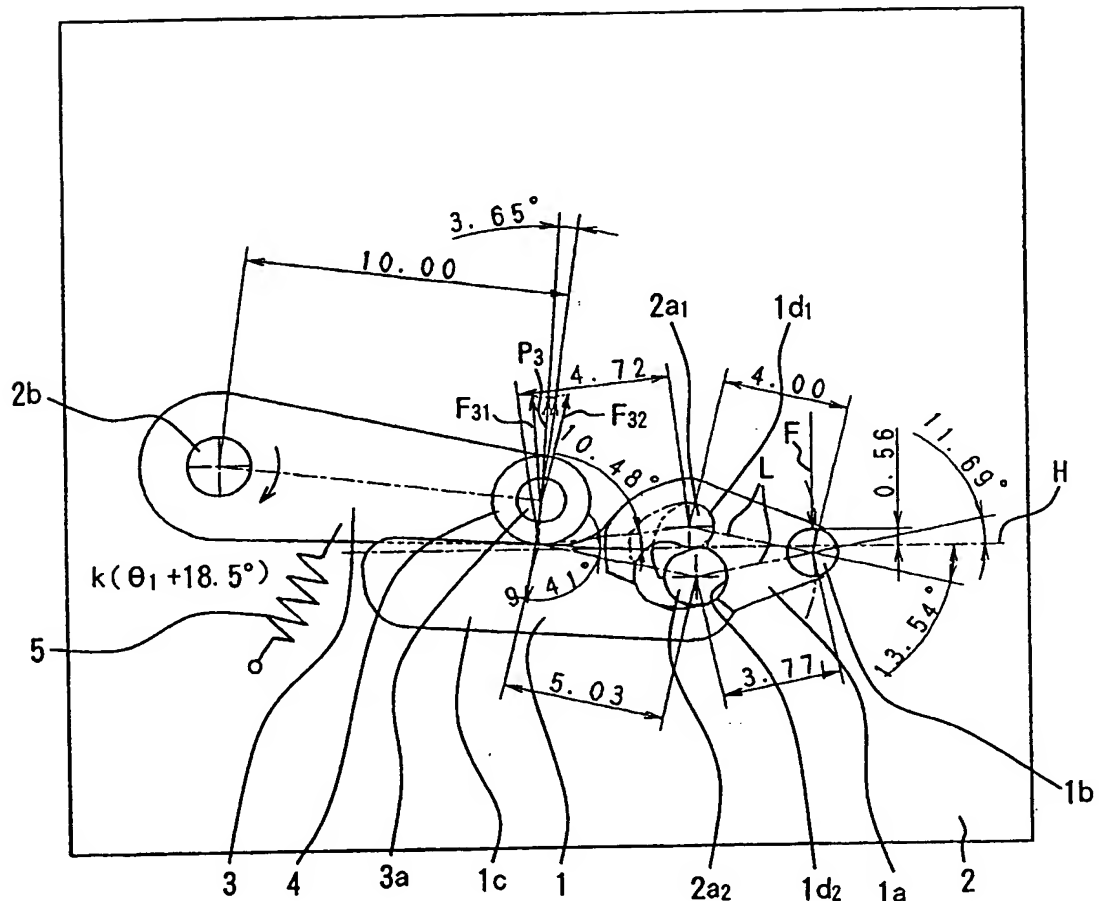


ROTATION ANGLE OF LEVER MEMBER: 14°

FIRST HALF OF CHARGING

FIG. 3

ROTATION ANGLE OF DRIVEN MEMBER: 18.5°

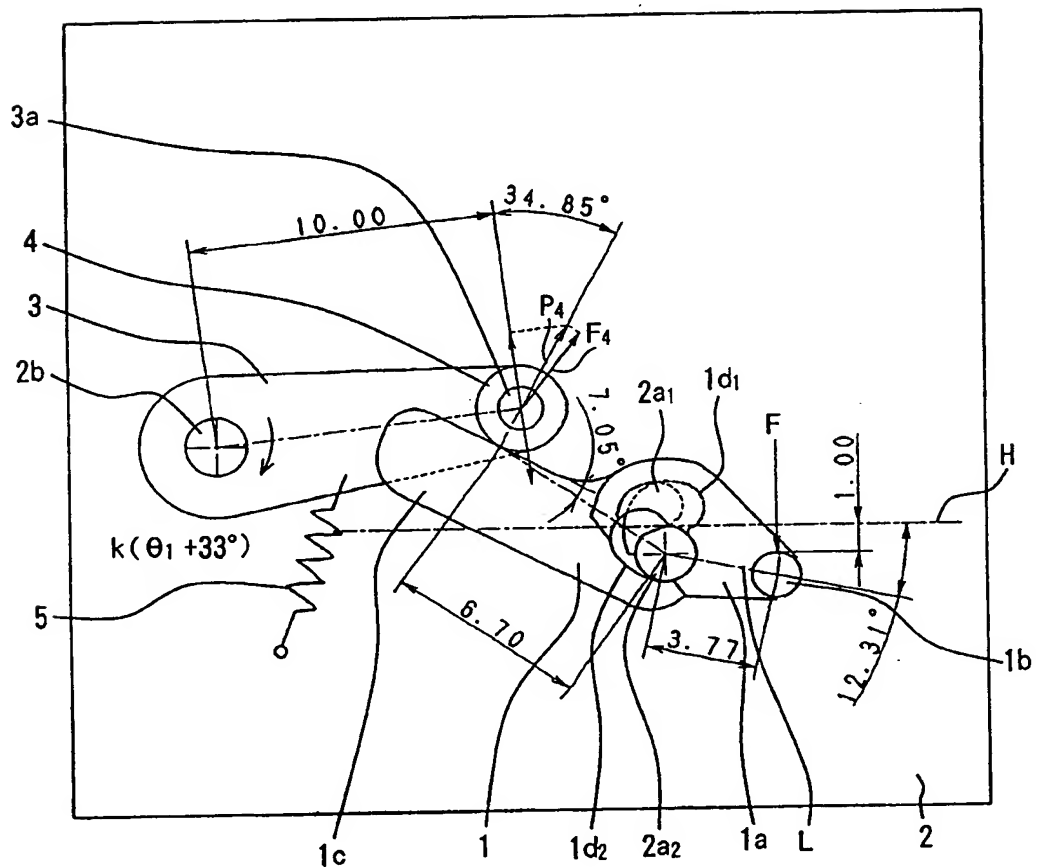


ROTATION ANGLE OF LEVER MEMBER: 31°

MIDPOINT OF CHARGING (SWITCHING OF AXIS)

FIG. 4

ROTATION ANGLE OF DRIVEN MEMBER: 33°

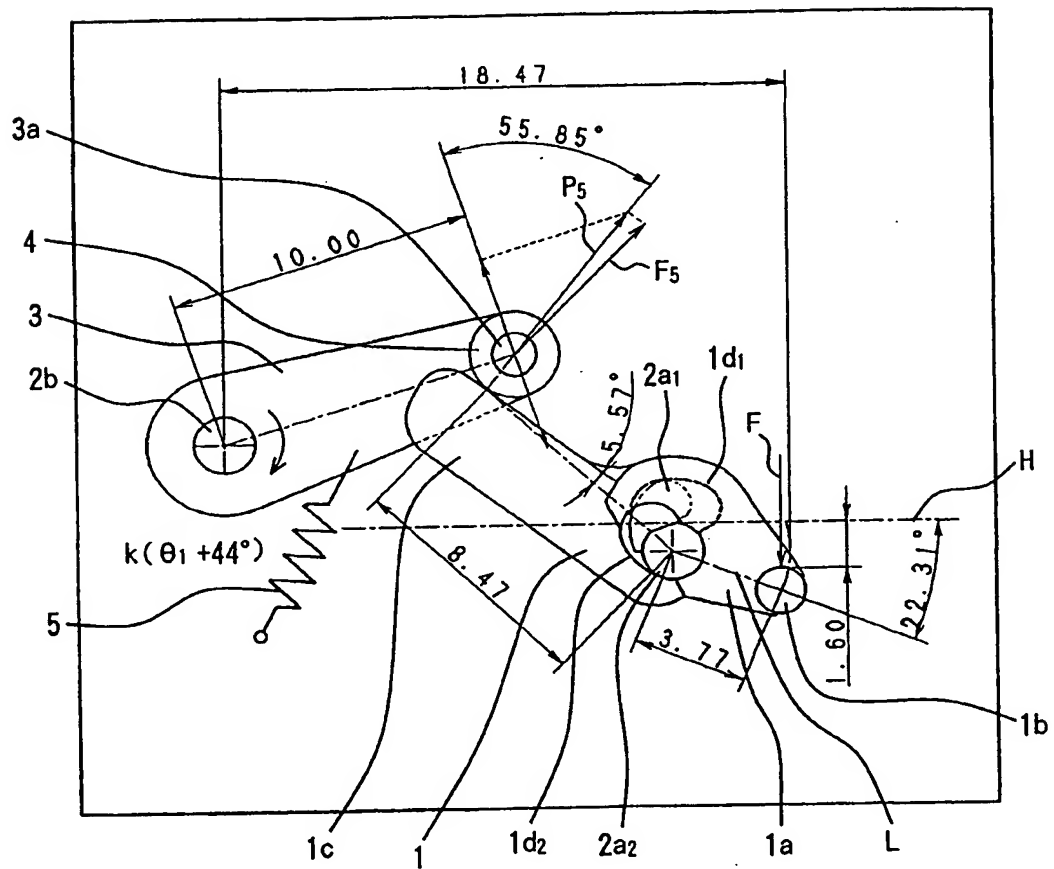


ROTATION ANGLE OF LEVER MEMBER: $31^\circ + 24^\circ$

SECOND HALF OF CHARGING

FIG. 5

ROTATION ANGLE OF DRIVEN MEMBER: 44°



ROTATION ANGLE OF LEVER MEMBER: $31^\circ + 34^\circ$

COMPLETION OF CHARGING

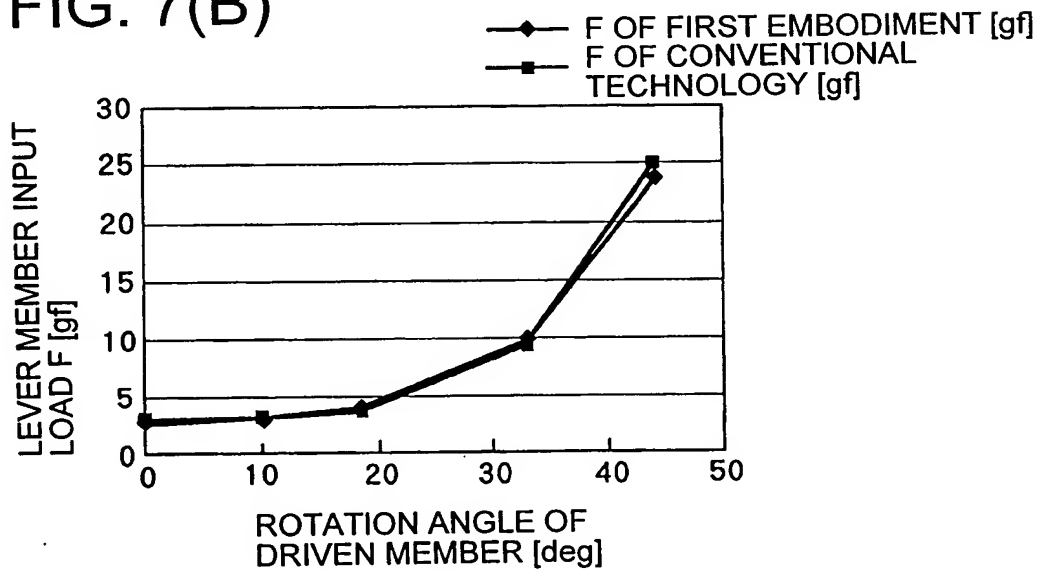
FIG. 6

FIG. 7(A)

TABLE OF LEVER MEMBER INPUT LOAD

ROTATION ANGLE OF DRIVEN MEMBER [deg]	0	10	18.5	18.5	33	44
F OF FIRST EMBODIMENT [gf]	2.62	2.88	3.52	3.94	9.6	23.5
F OF CONVENTIONAL TECHNOLOGY [gf]	2.92	3.07	3.63	3.63	9.29	24.7

FIG. 7(B)



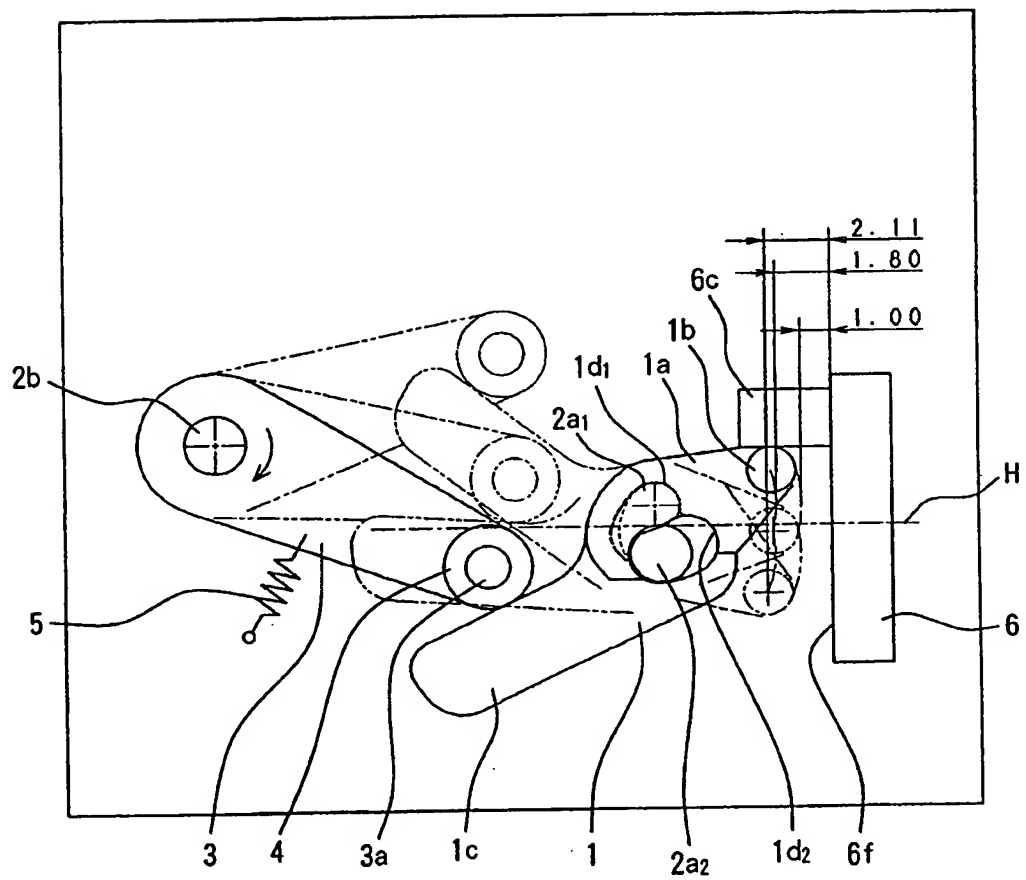
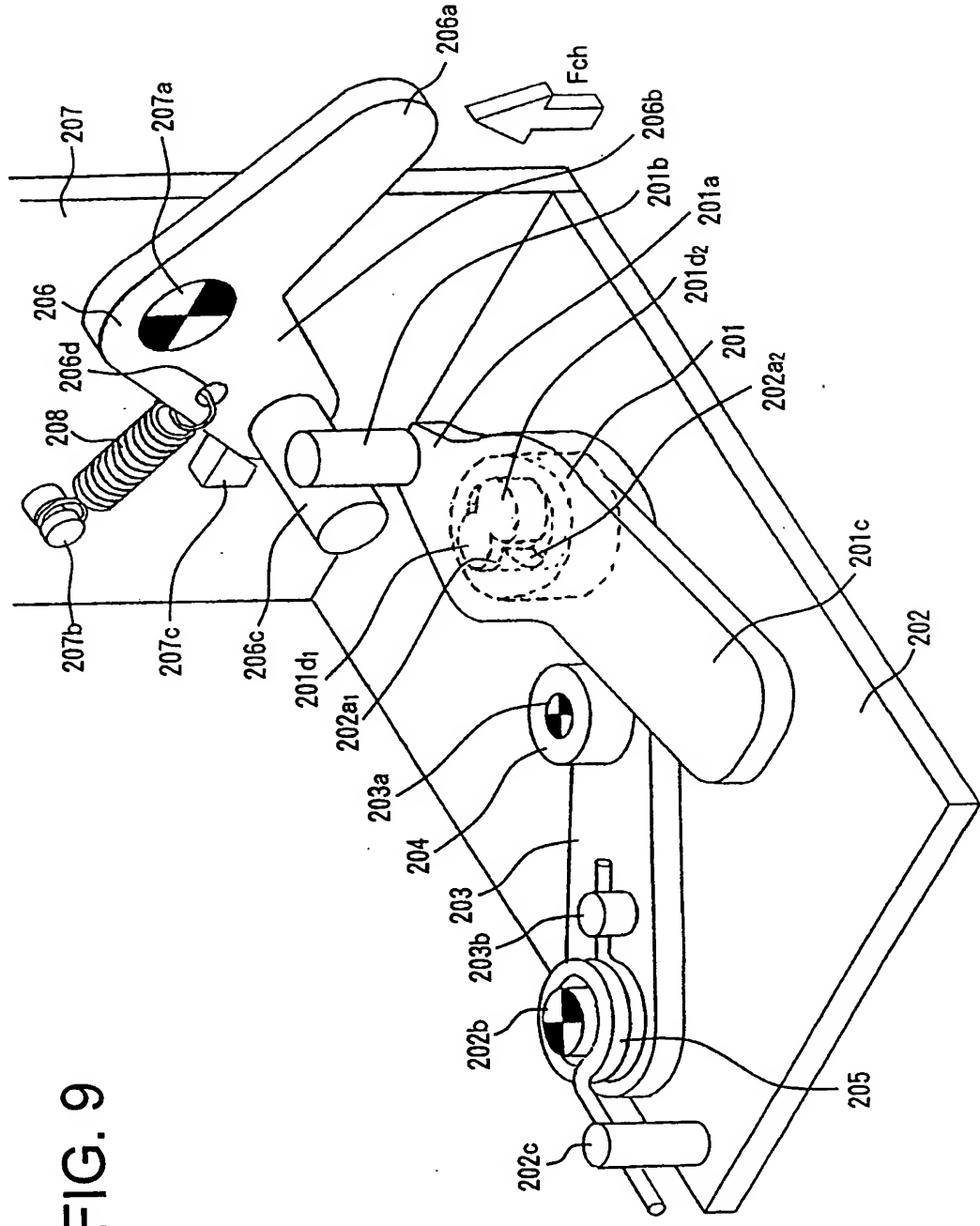
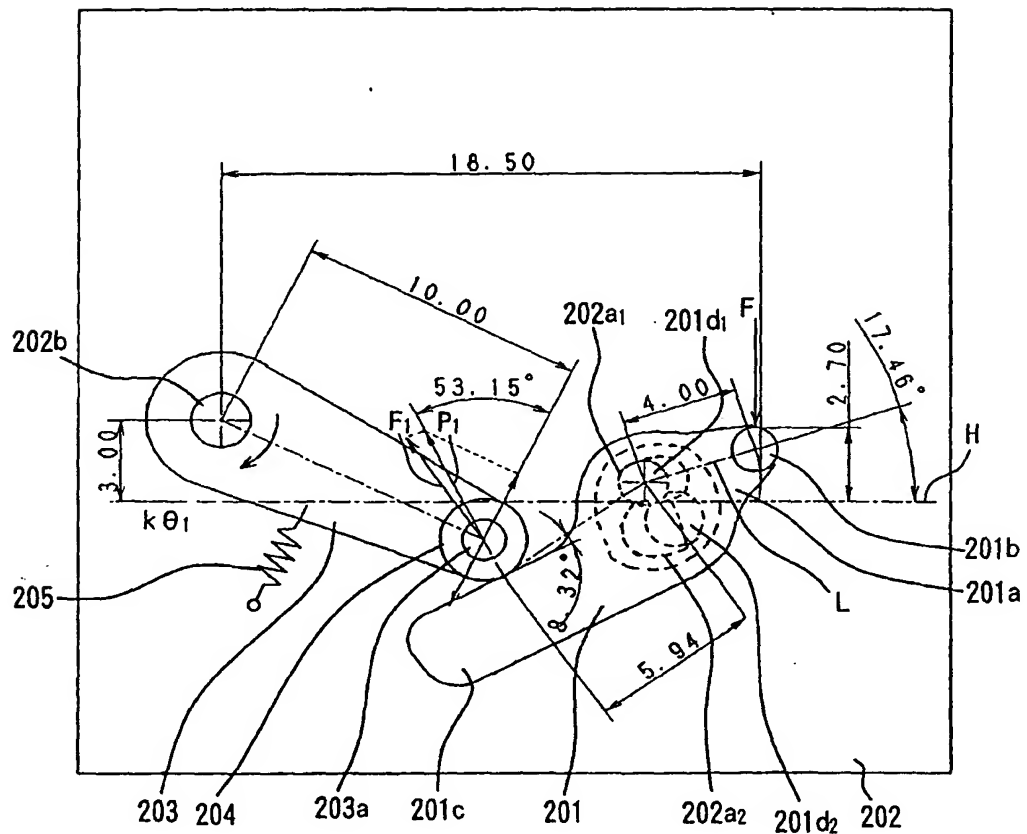


FIG. 8

FIG. 9



ROTATION ANGLE OF DRIVEN MEMBER: 0°

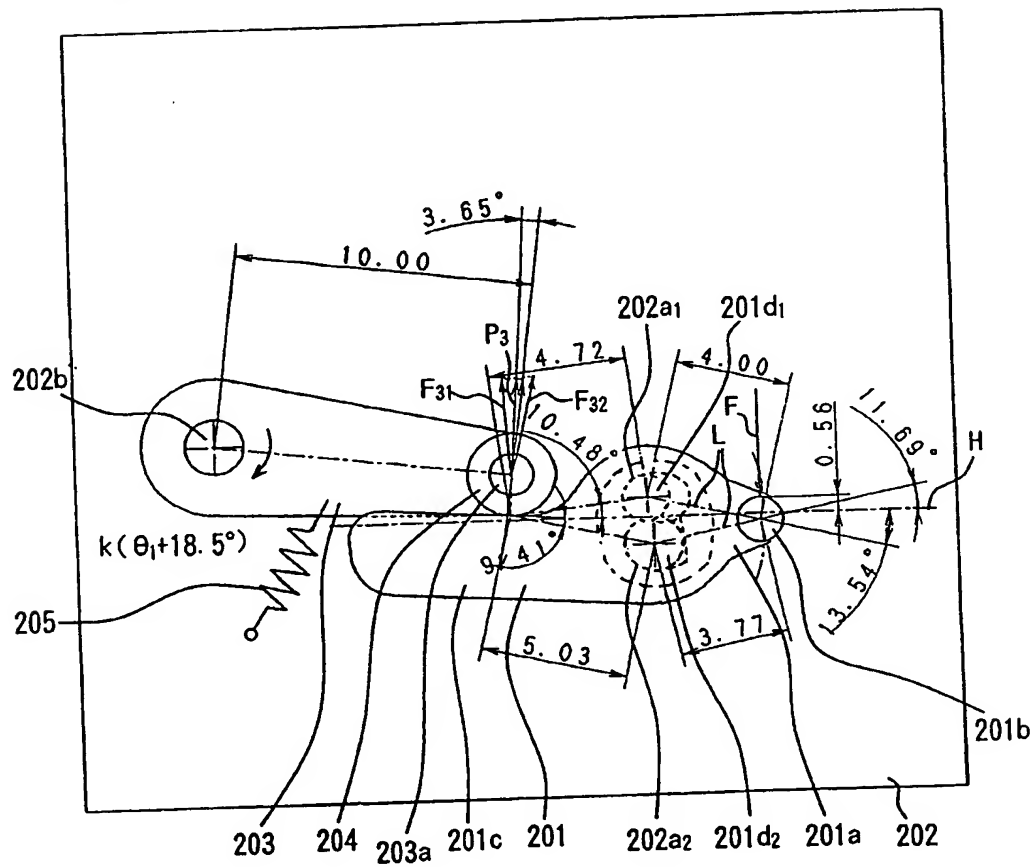


ROTATION ANGLE OF LEVER MEMBER: 0°

START OF CHARGING

FIG. 10

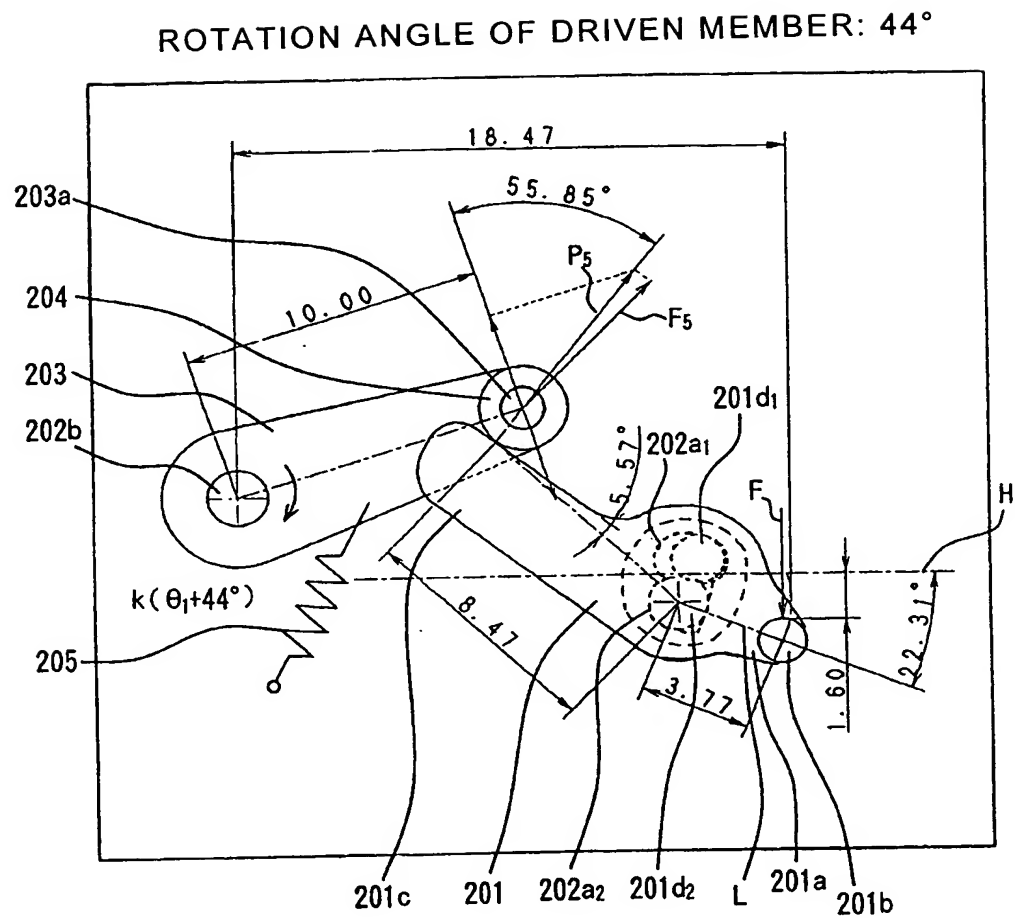
ROTATION ANGLE OF DRIVEN MEMBER: 18.5°



ROTATION ANGLE OF LEVER MEMBER: 31°

MIDPOINT OF CHARGING (SWITCHING OF AXIS)

FIG. 11



ROTATION ANGLE OF LEVER MEMBER: $31^\circ + 34^\circ$

COMPLETION OF CHARGING

FIG. 12

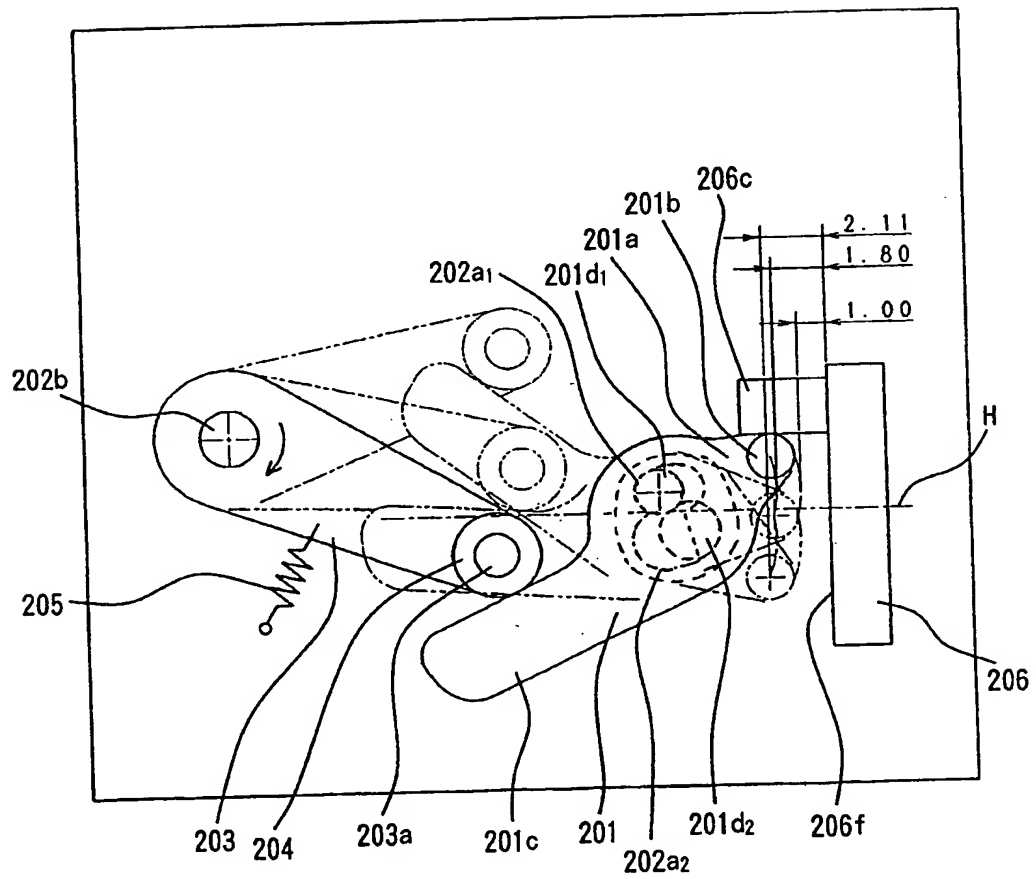
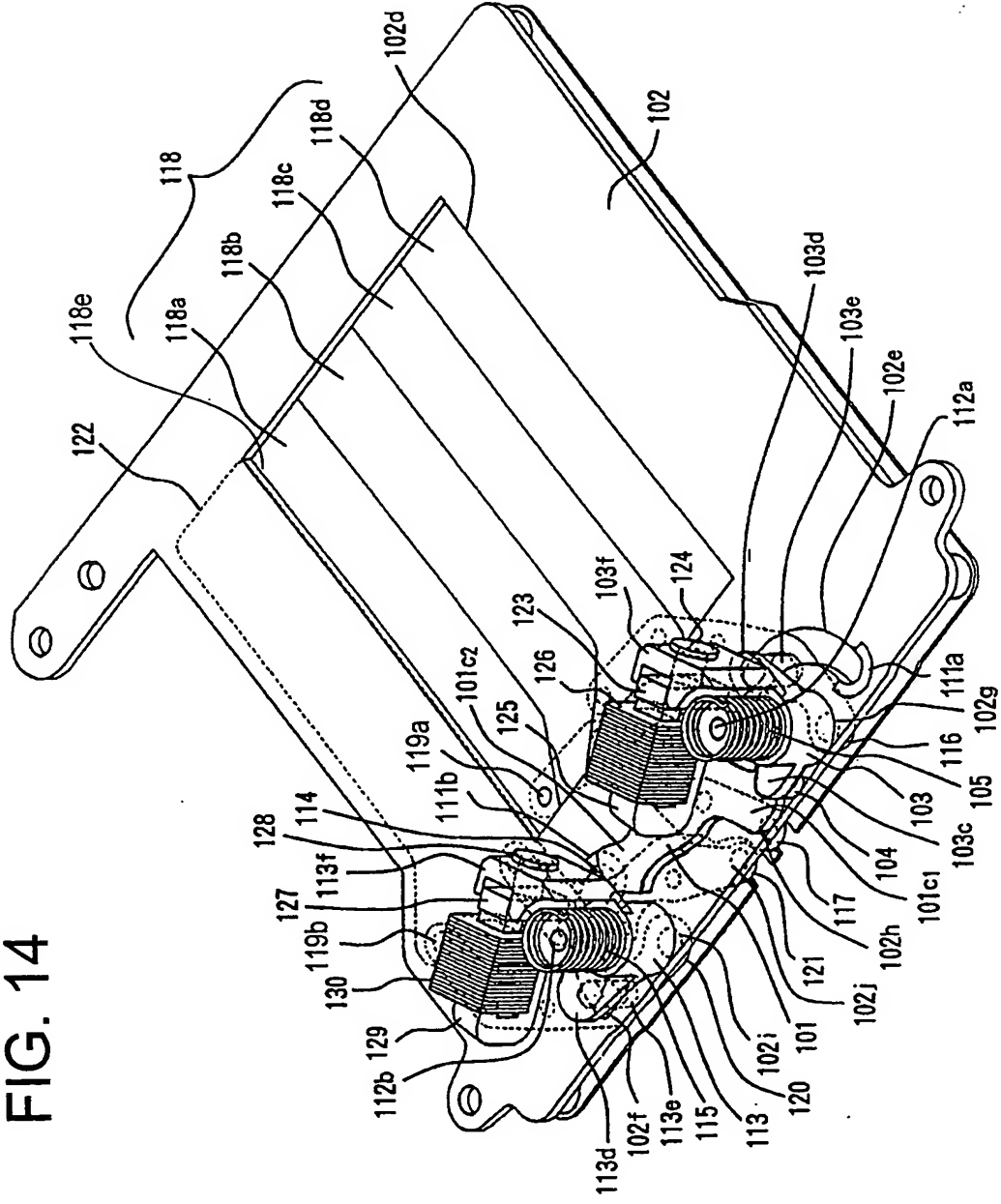
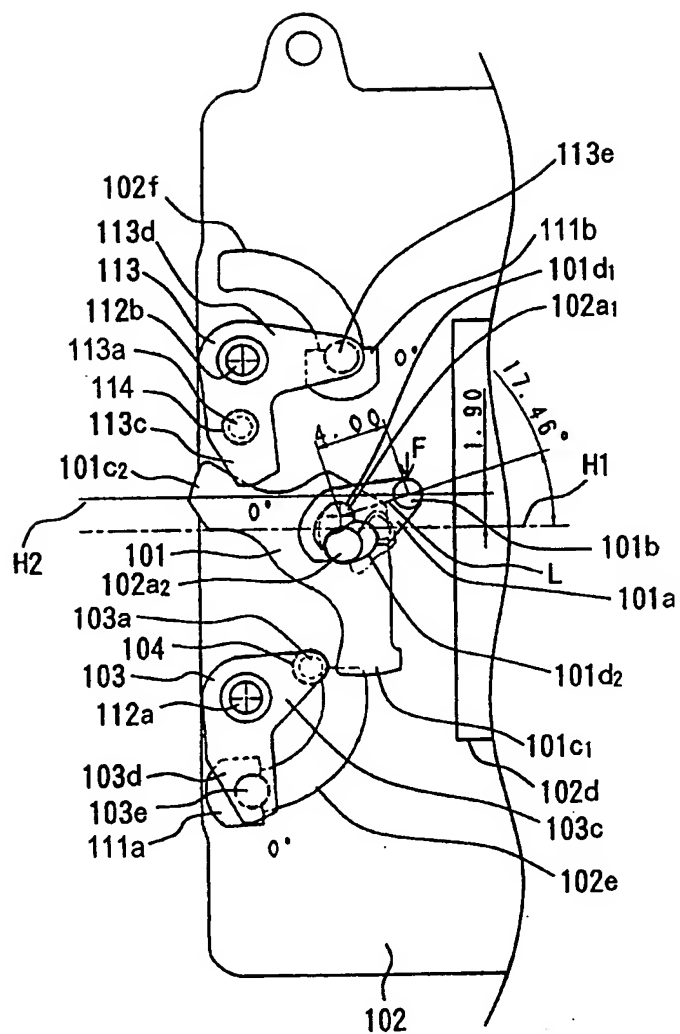


FIG. 13

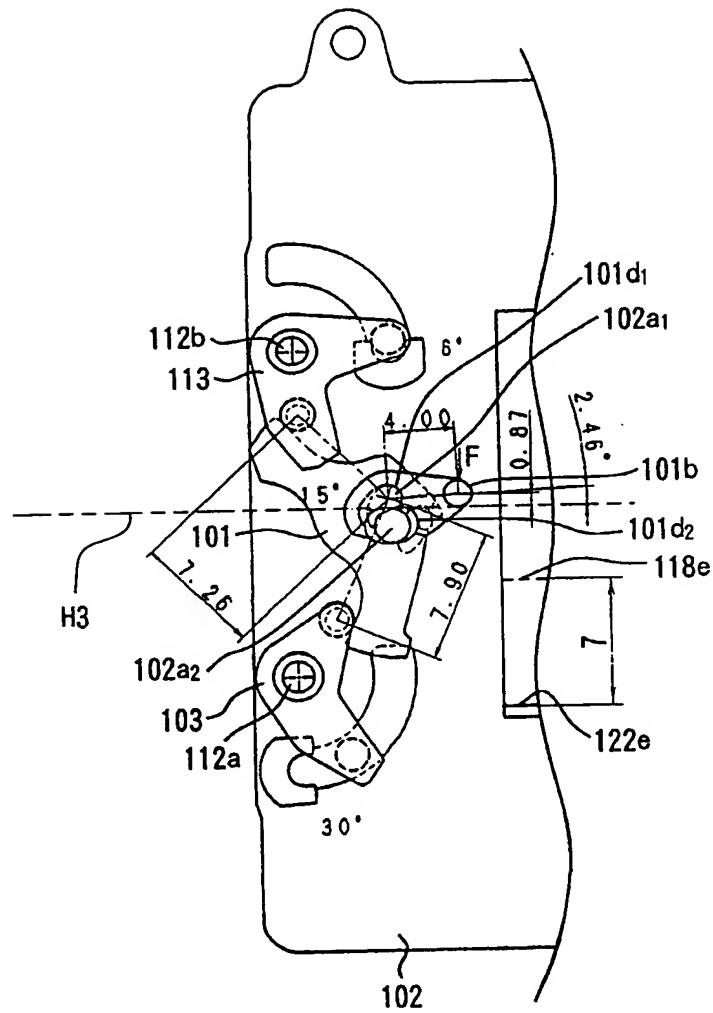
FIG. 14





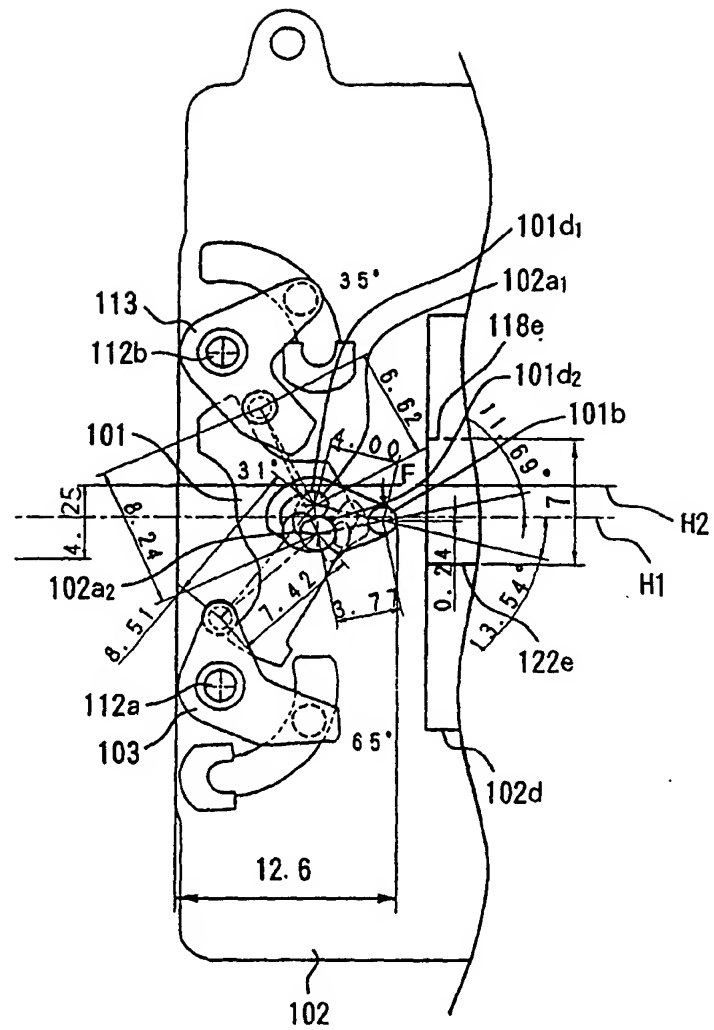
COMPLETION OF RUNNING TO START OF CHARGING

FIG. 15



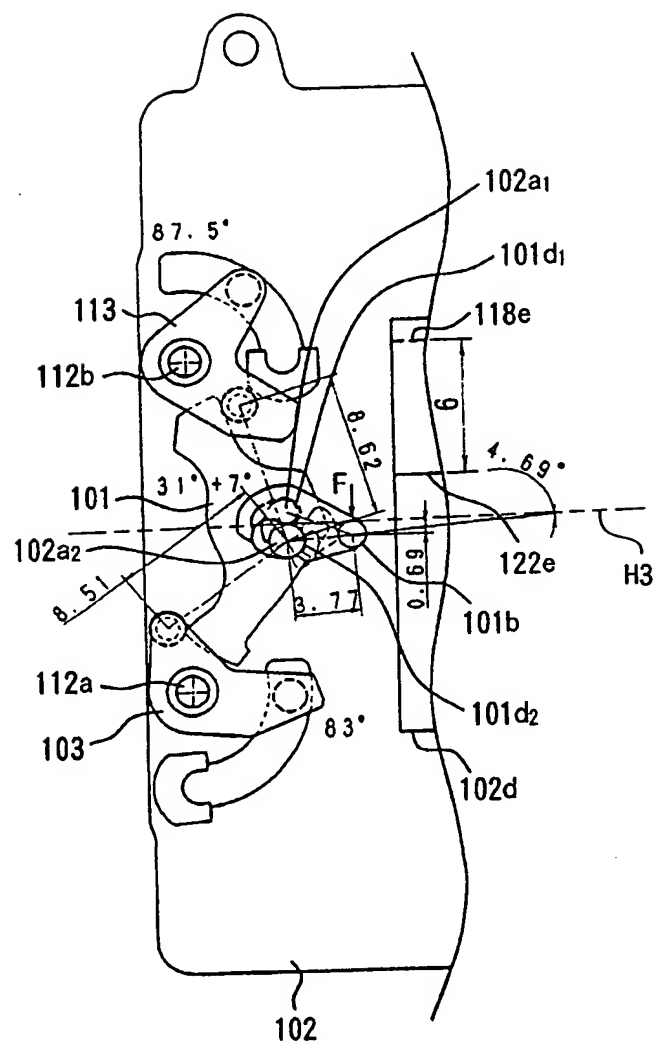
FIRST HALF OF CHARGING

FIG. 16



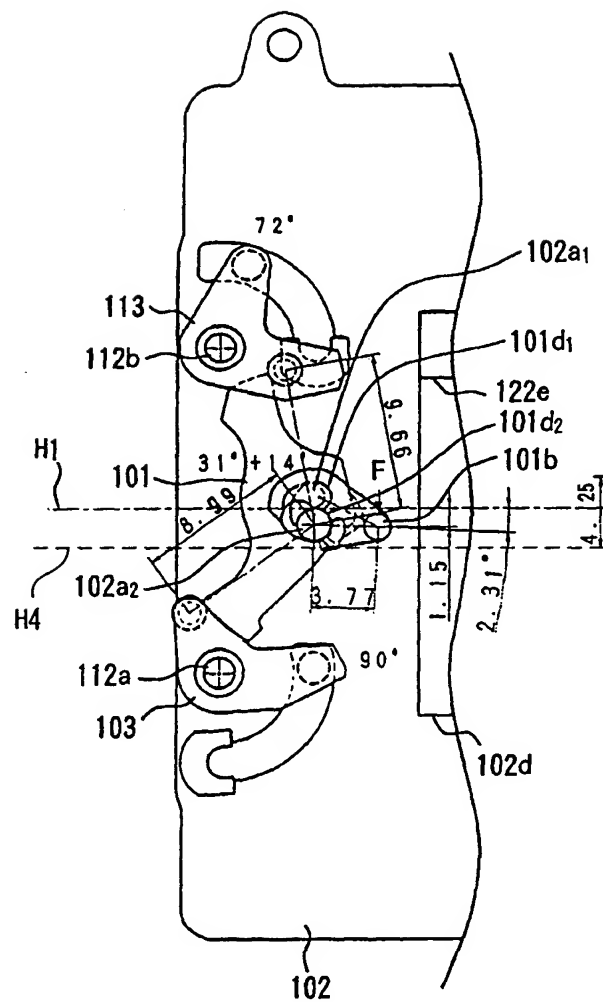
MIDPOINT OF CHARGING (SWITCHING OF AXIS)

FIG. 17



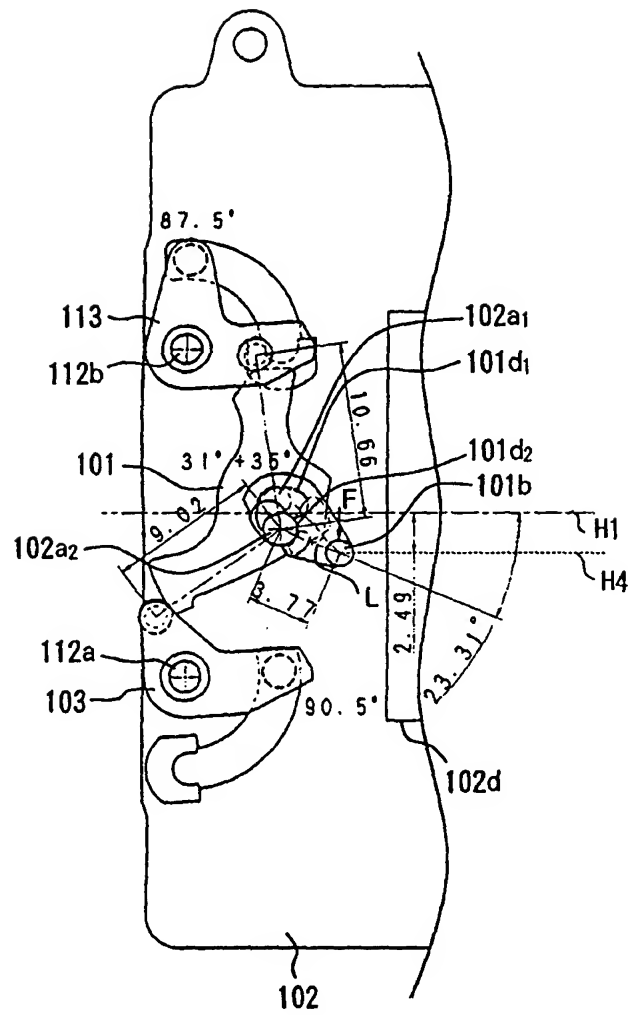
SECOND HALF OF CHARGING

FIG. 18



IMMEDIATELY BEFORE COMPLETION OF CHARGING

FIG. 19



OVERCHARGE

FIG. 20

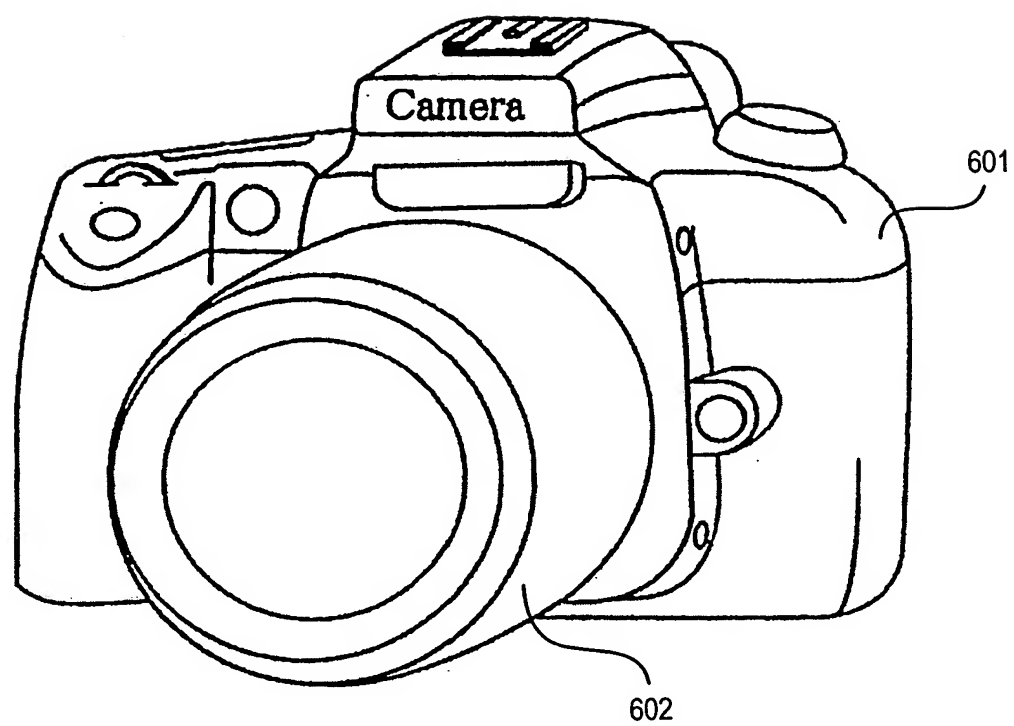


FIG. 21

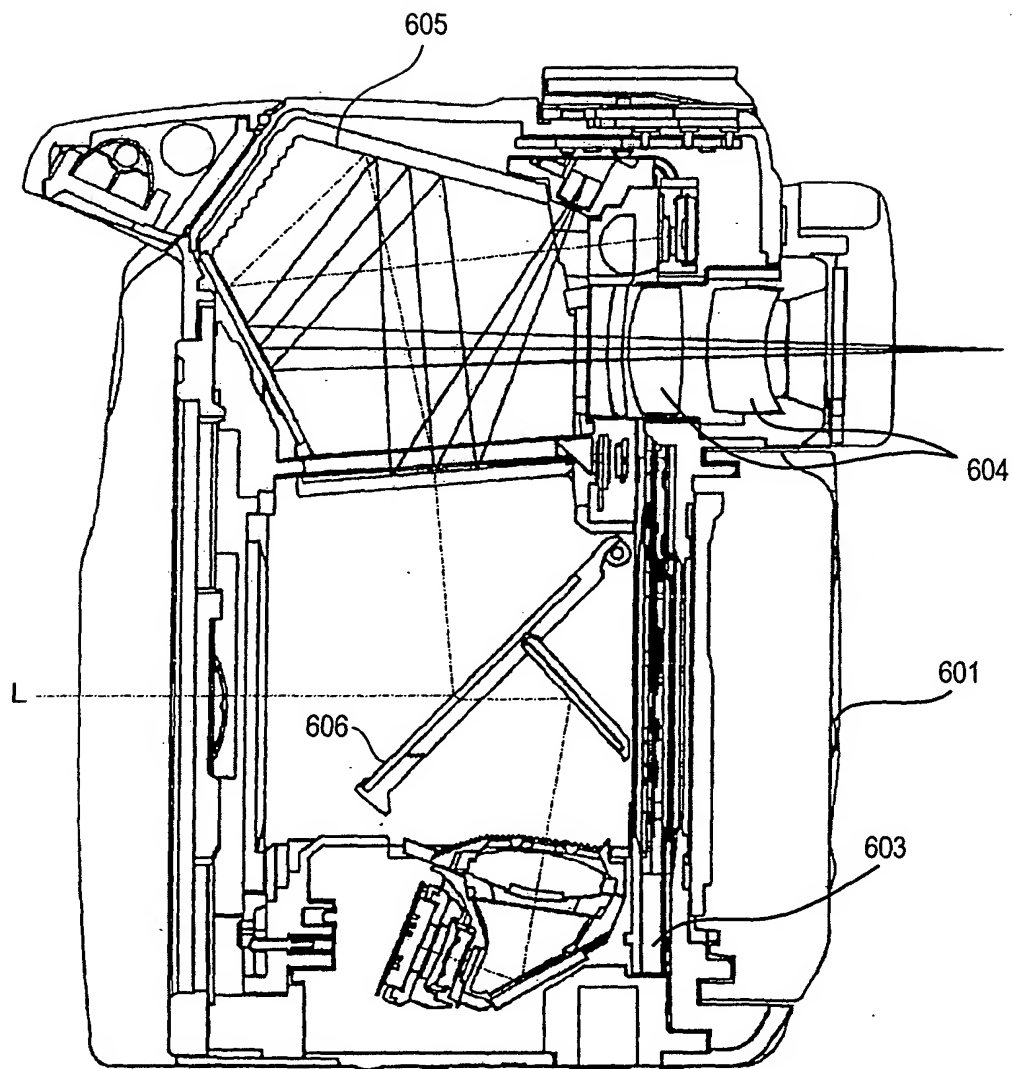
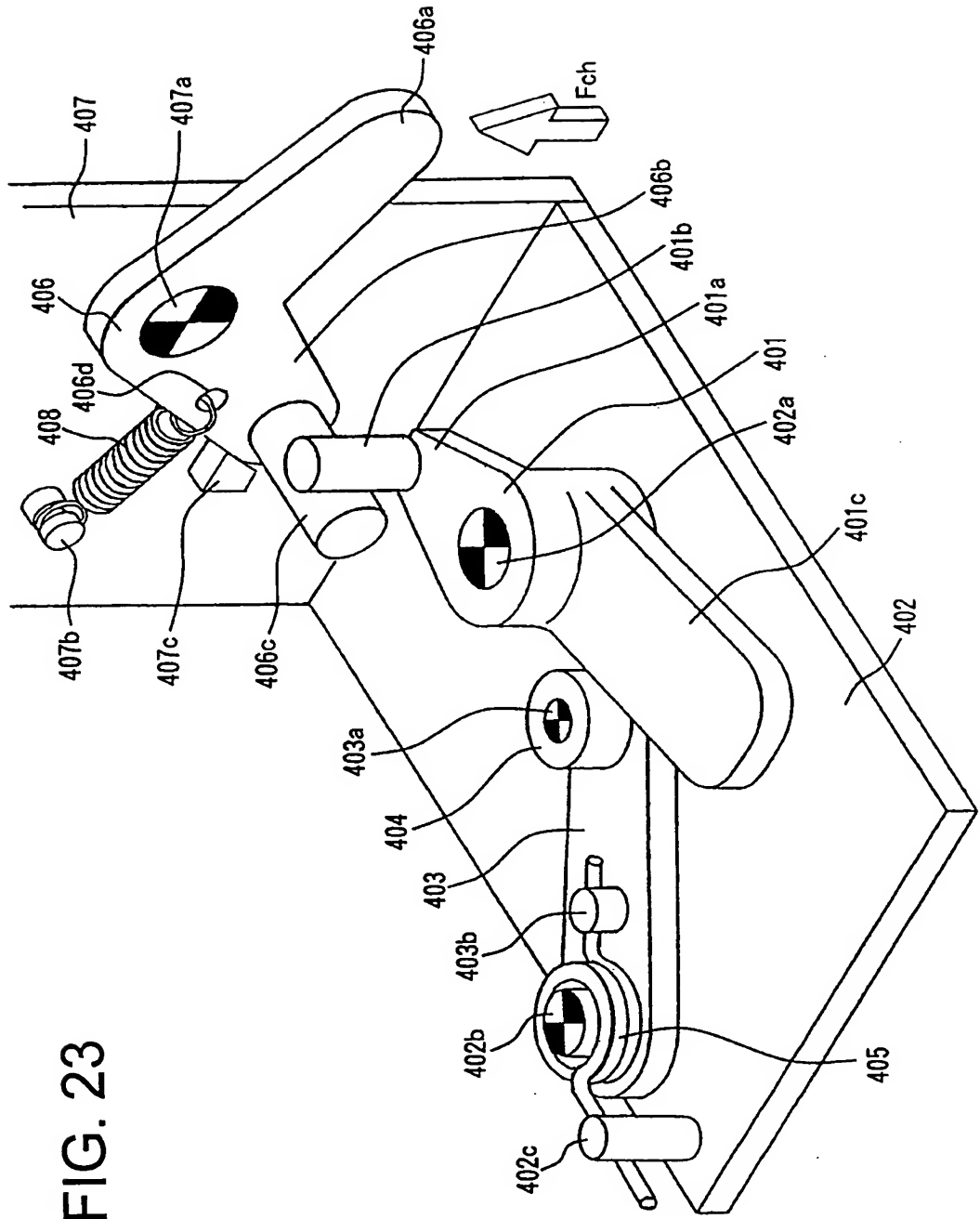
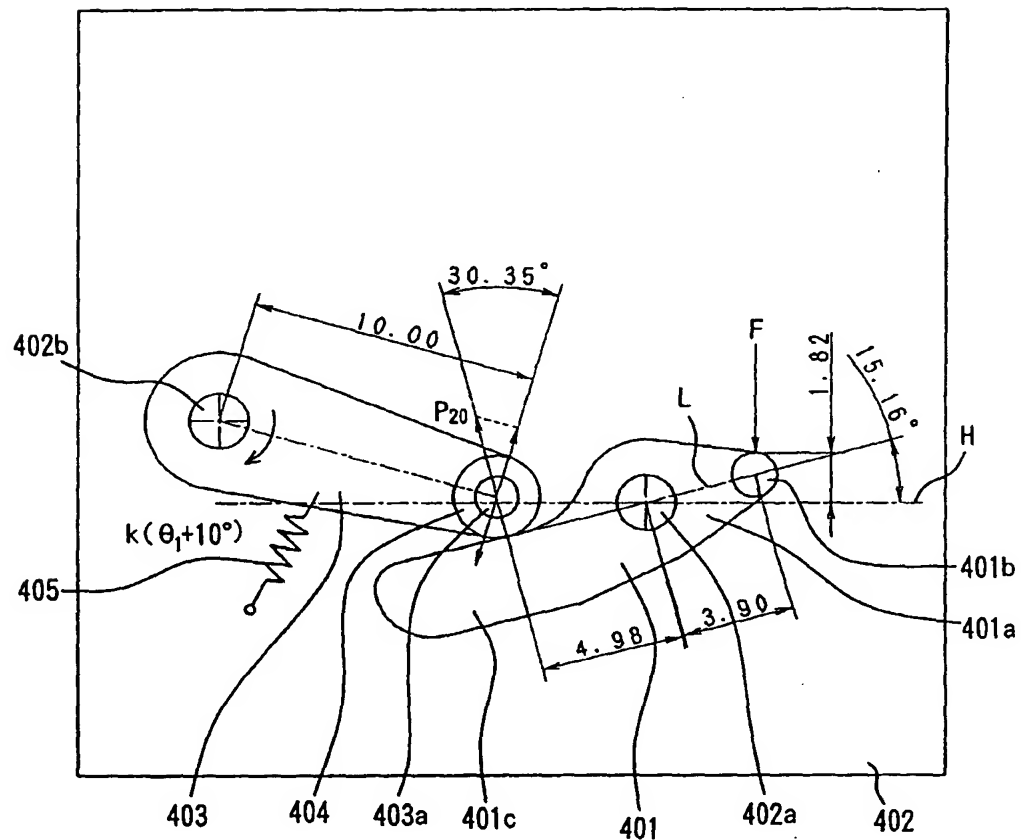


FIG. 22

FIG. 23



ROTATION ANGLE OF DRIVEN MEMBER: 10°

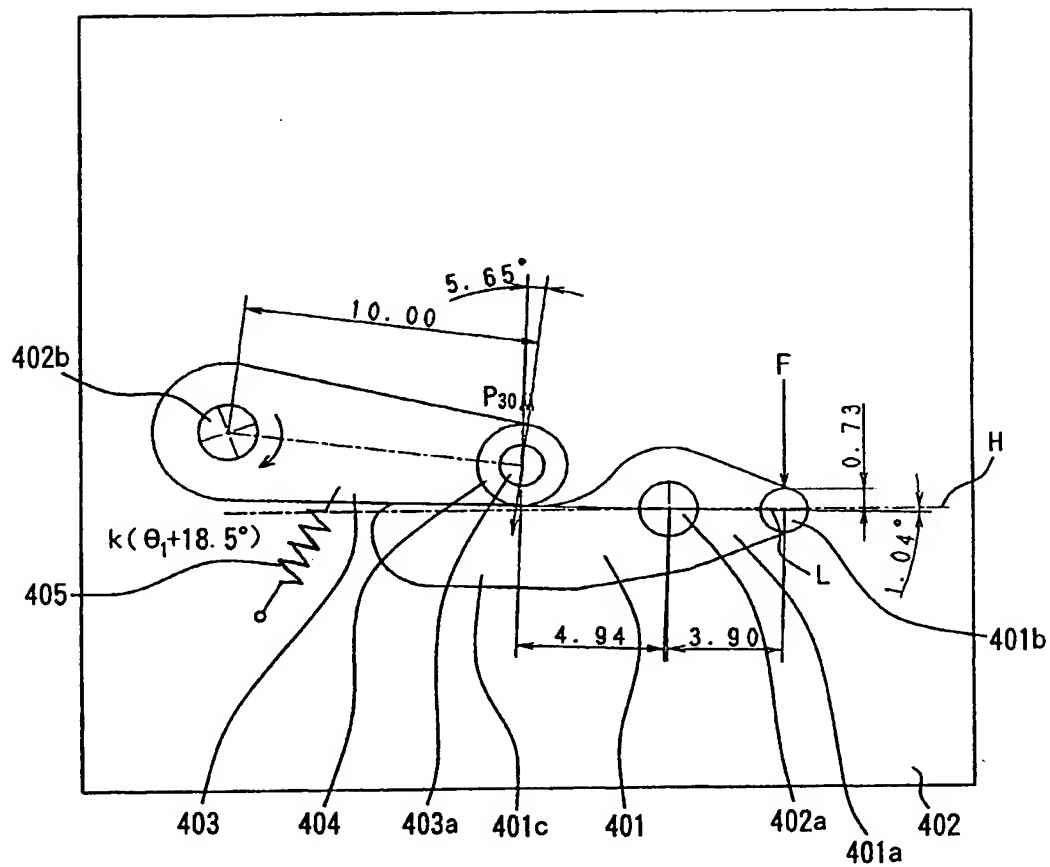


ROTATION ANGLE OF LEVER MEMBER: 14°

FIRST HALF OF CHARGING

FIG. 25

ROTATION ANGLE OF DRIVEN MEMBER: 18.5°

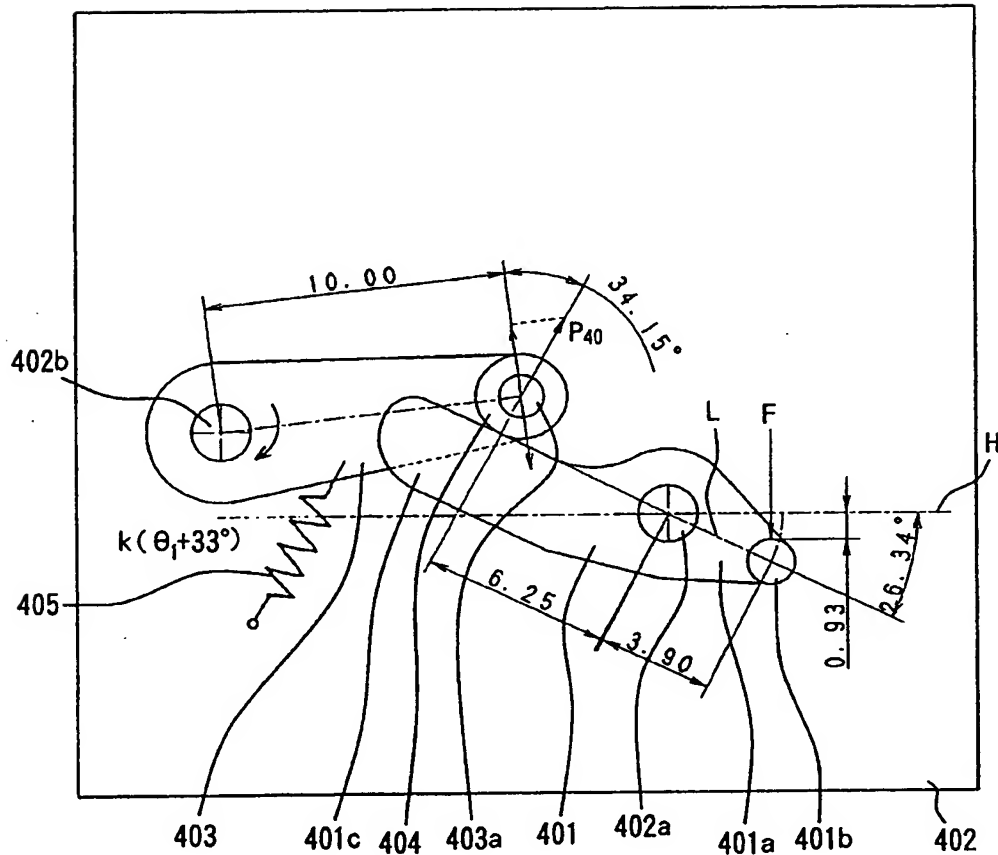


ROTATION ANGLE OF LEVER MEMBER: 30.2°

MIDPOINT OF CHARGING

FIG. 26

ROTATION ANGLE OF DRIVEN MEMBER: 33°

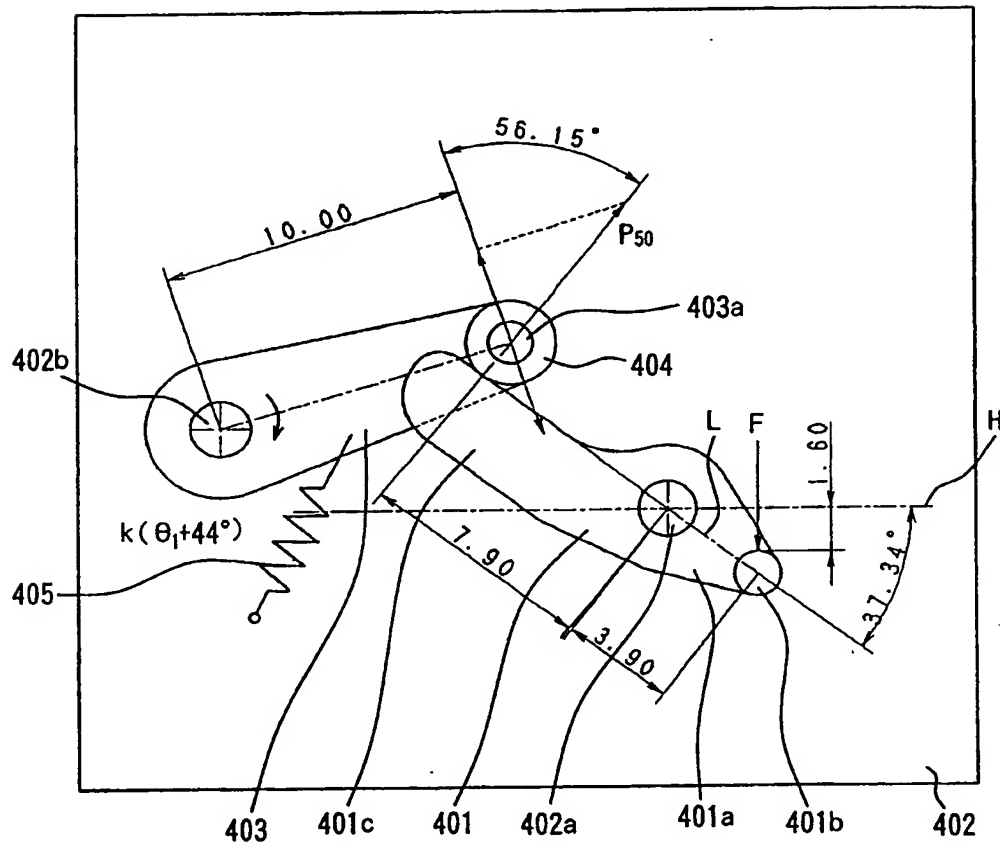


ROTATION ANGLE OF LEVER MEMBER: 55.5°

SECOND HALF OF CHARGING

FIG. 27

ROTATION ANGLE OF DRIVEN MEMBER: 44°



ROTATION ANGLE OF LEVER MEMBER: 66.5°

COMPLETION OF CHARGING

FIG. 28

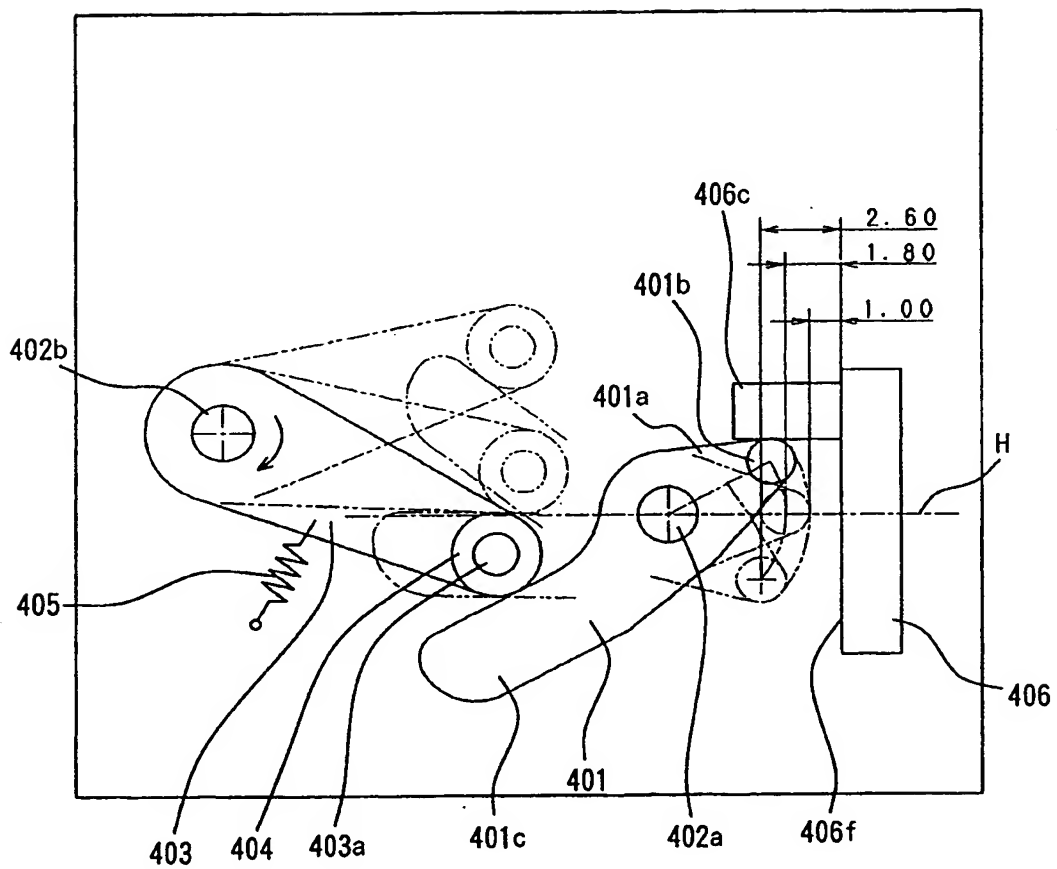
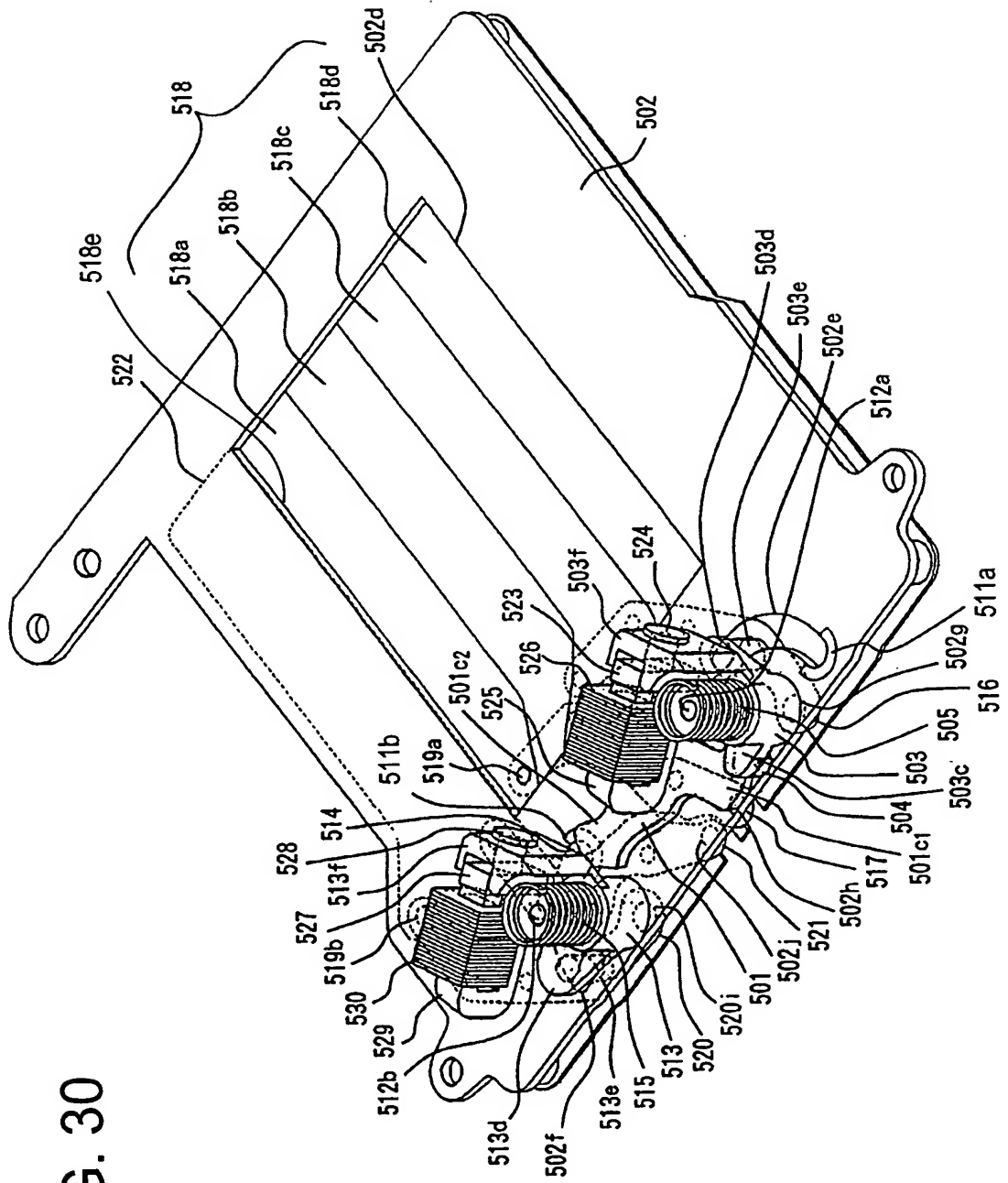
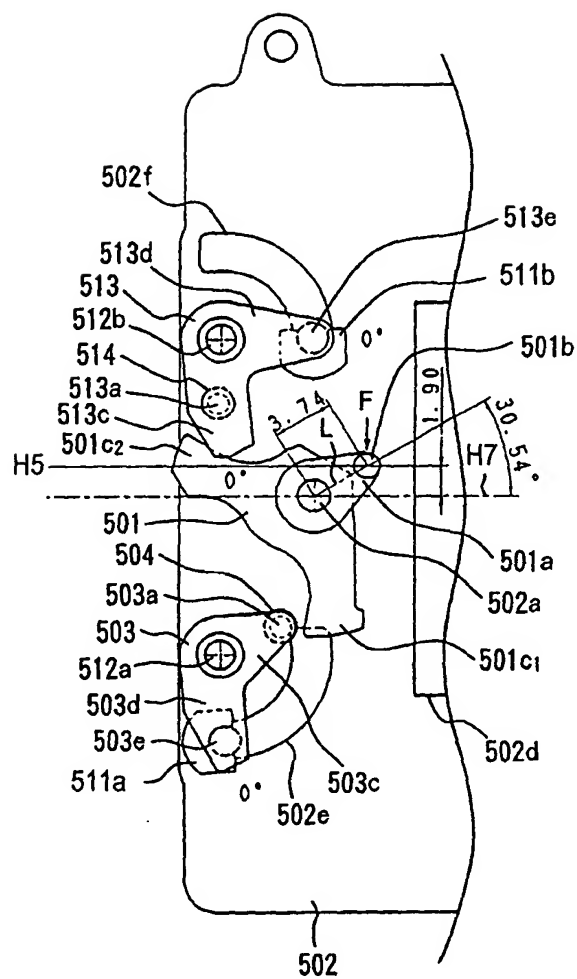


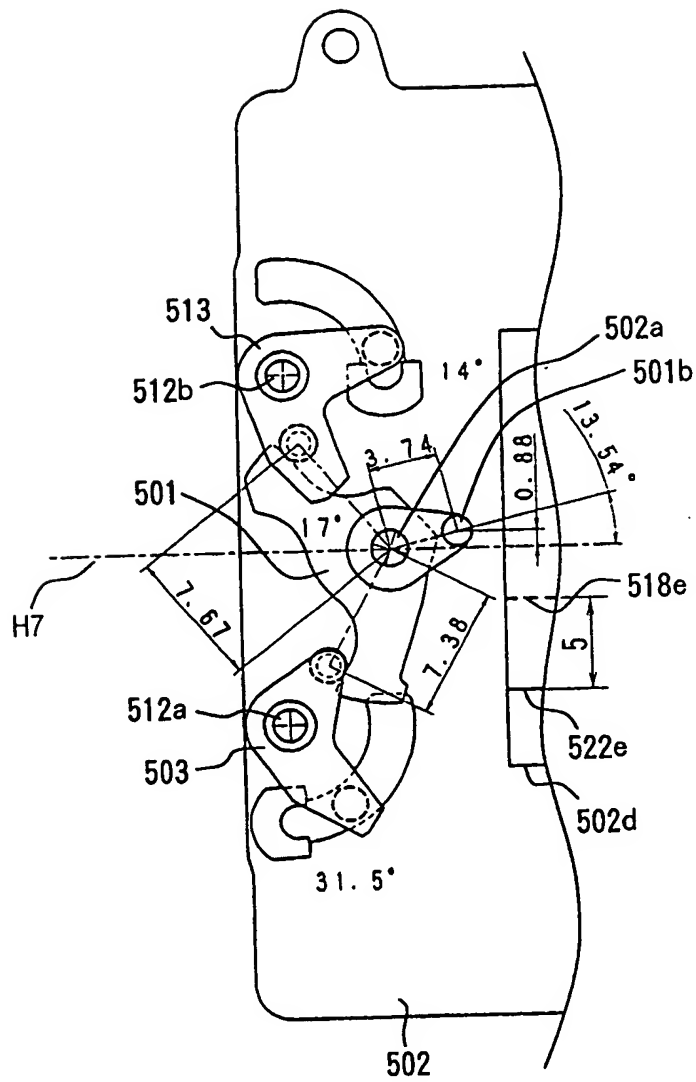
FIG. 29





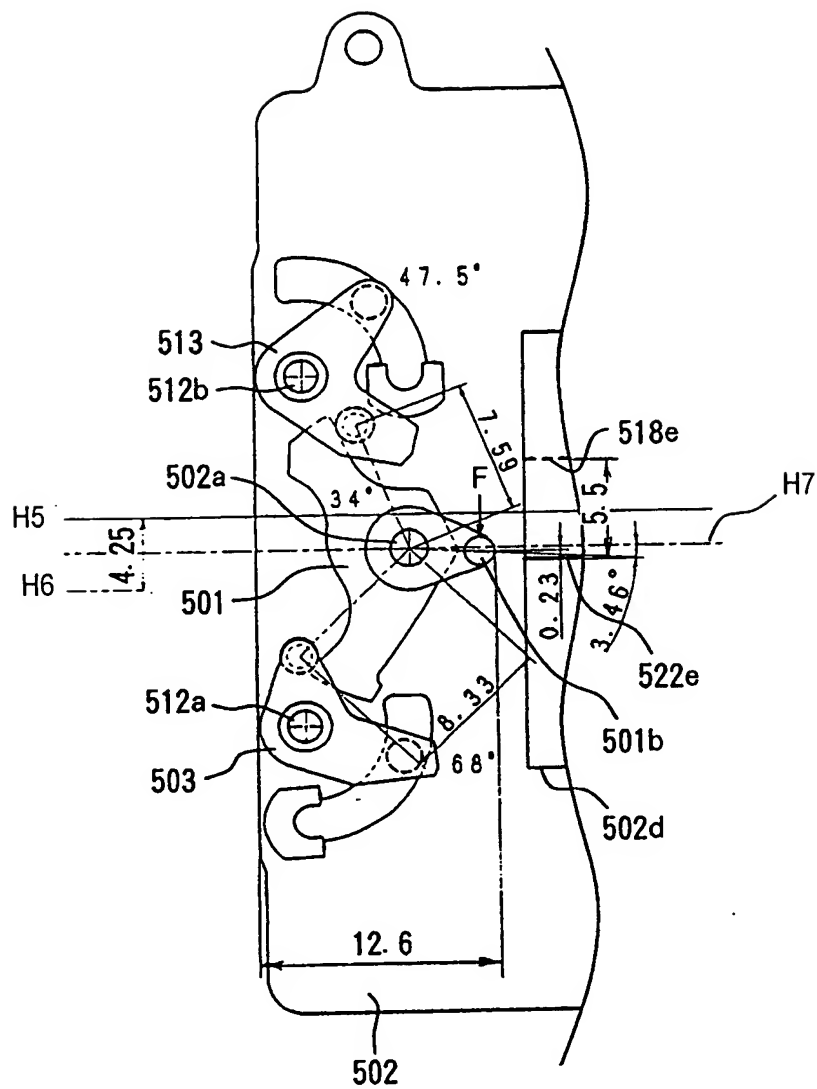
COMPLETION OF CHARGING TO START OF CHARGING

FIG. 31



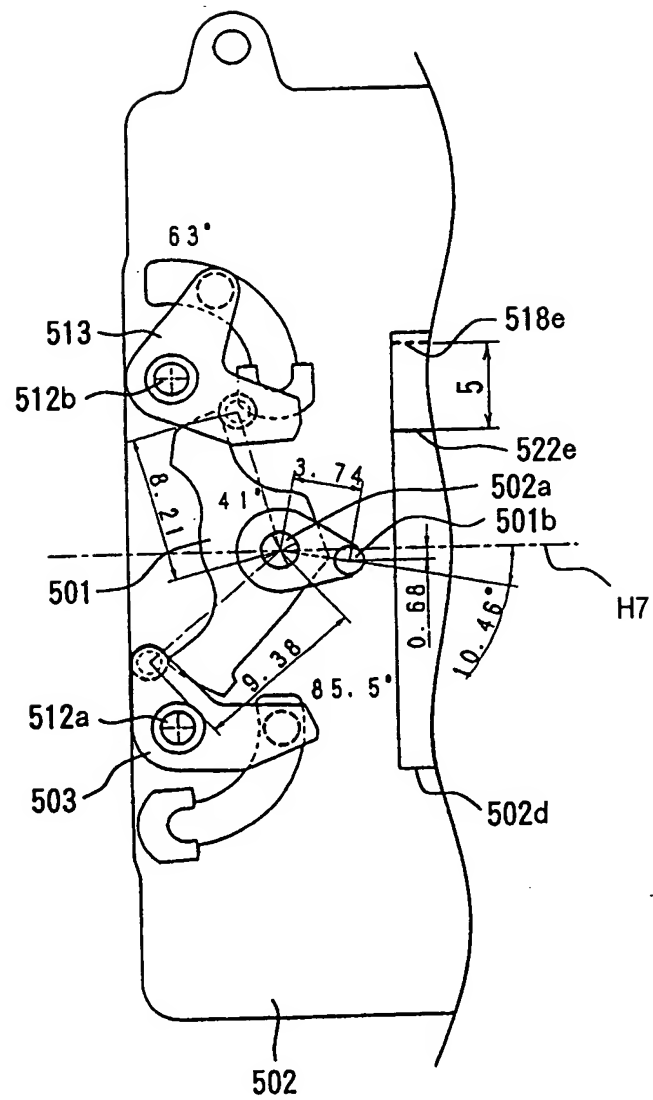
FIRST HALF OF CHARGING

FIG. 32



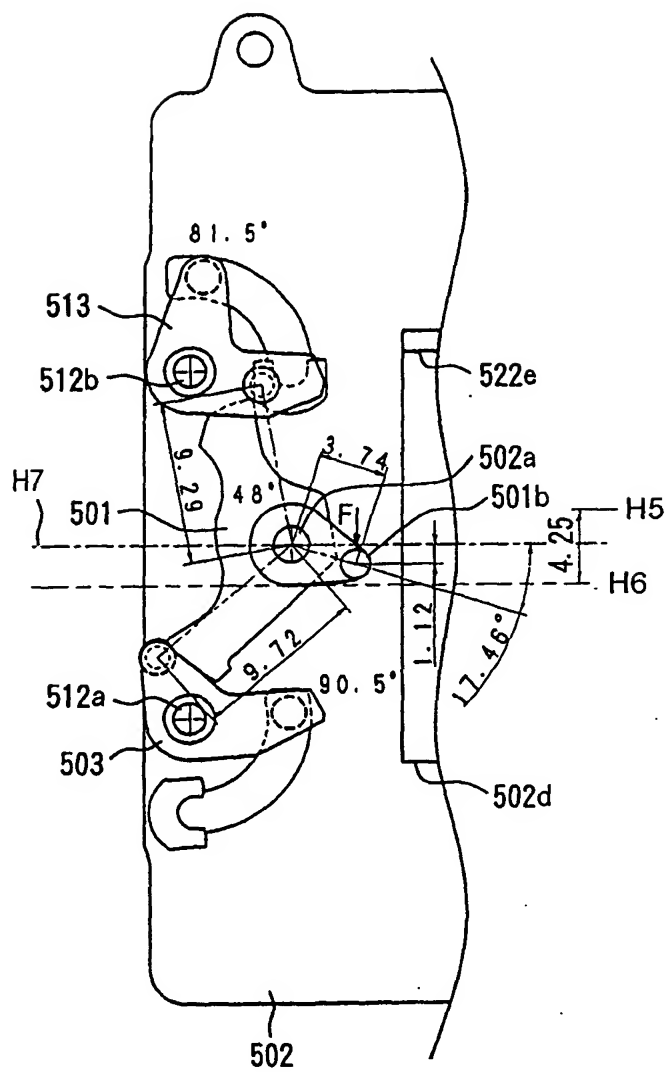
MIDPOINT OF CHARGING

FIG. 33



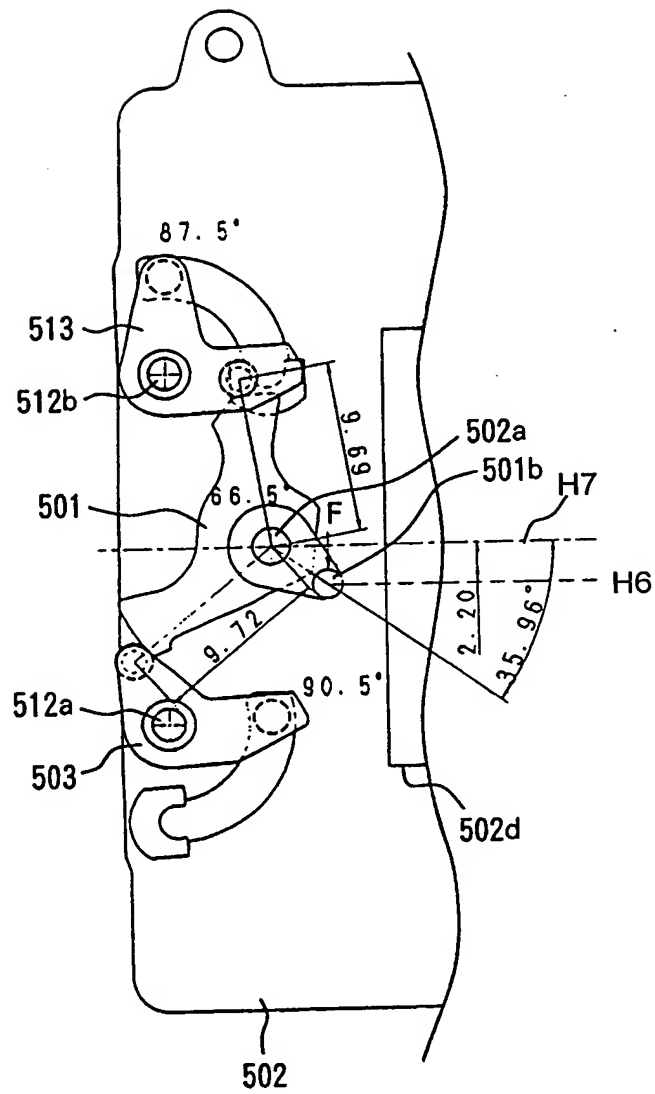
SECOND HALF OF CHARGING

FIG. 34



IMMEDIATELY BEFORE COMPLETION OF CHARGING

FIG. 36



OVERCHARGE

FIG. 36